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# United States Patent [19]

Harris et al.

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[54] **HAND-HELD RADIOTELEPHONE HAVING A DETACHABLE DISPLAY**

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[52] U.S. Cl. ..... **455/566; 455/556**

[58] Field of Search ..... 455/556, 566, 455/346; 345/146; 348/14

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## [57] ABSTRACT

A communication device (104) includes two housings (108, 110), each containing circuitry (114, 115, 116, 117, 118, 122, 123) for operating the communication device (104) in different modes (700, 702, 704, 706, 730, 732). The communication device (104) includes a latch (112) for detachably coupling the two housings (108, 110) and rotating one housing (110/108) with respect to the other (108/110). The communication device (104) switches between the different modes (700, 702, 704, 706, 730, 732) based on the attachment or detachment and the relative position of the housings (108, 110).

20 Claims, 8 Drawing Sheets

